

WE CLAIM:

1. A method for providing an update to a network appliance, comprising:  
enabling the network appliance to provide a beacon, wherein the beacon is created with a radio signal that is generated with relatively low power;  
if a mobile node receives the beacon, enabling the mobile node to pair with the network appliance;  
if the mobile node is paired with the network appliance, pushing an application from the mobile node to the network appliance; and  
enabling the mobile node to wirelessly communicate at least one update to the pushed application over a relatively short distance, wherein the update is provided to the network appliance for execution.
2. The method of Claim 1, wherein the update is stored in the mobile node prior to its communication to the network appliance.
3. The method of Claim 1, wherein the mobile node is in communication with a remote site that provides the update through a wireless communication link established between the mobile node and the network appliance.
4. The method of Claim 1, wherein the pushed application is at least one of a JAVA application, binary file, and script.
5. The method of Claim 1, wherein the beacon is generated with approximately one milliwatt of power and the relatively short distance is approximately 10 meters.
6. The method of Claim 1, further comprising enabling the network appliance to communicate a profile to the mobile node, wherein profile includes at least one of an identifier, type and IP address.

7. The method of Claim 1, wherein enabling the mobile node to wirelessly communicate with the network appliance, further comprises authenticating an operator of the mobile node.

8. The method of Claim 1, wherein the wireless communication is based on a Bluetooth specification.

9. The method of Claim 1, wherein the network appliance further comprises at least one of a router, switch, firewall, content filter, file server, load balancer, and hub.

10. The method of Claim 1, wherein the mobile node further comprises at least one of a cellular telephone, smart phone, pager, radio frequency (RF) communication device, Personal Digital Assistant (PDA), handheld computer, laptop computer, personal computer, multiprocessor system, microprocessor-based consumer electronic device, programmable consumer device, network PC, and wearable computer.

11. The method of Claim 1, wherein the managing of the operation of the network appliance further comprises providing at least one operation, including configuration, load balancing, IP address assignment, metric collection, metric analysis, updates, maintenance, and security measures.

12. A system for providing an update to a network appliance with a mobile node, comprising

a first wireless interface that is included with the network appliance and enables the network appliance to provide a beacon, wherein the beacon is generated with relatively low power;

a second wireless interface that is included with the mobile node, wherein if the mobile node receives the beacon, the second wireless interface enables the mobile node to pair with the network appliance, and

an application that is pushed from the mobile node to the network appliance, wherein the application enables the mobile node to wirelessly communicate at least one update over a relatively short distance to the network appliance, and wherein the update is provided to the network appliance for execution.

13. The system of Claim 12, wherein the pushed application is at least one of a JAVA application, binary file, and script.

14. The system of Claim 12, wherein enabling the mobile node to wirelessly communicate with the network appliance, further comprises authenticating an operator of the mobile node.

15. The system of Claim 12, wherein the wireless communication is based on a Bluetooth specification.

16. The system of Claim 12, wherein the managing of the operation of the network appliance further comprises providing at least one operation for execution, including configuration, load balancing, IP address assignment, metric collection, metric analysis, updates, maintenance, and security measures.

17. The system of Claim 12, further comprising a profile that is communicated by the network appliance to the mobile node, wherein profile includes at least one of an identifier, type and IP address.

18. An apparatus for providing an update for a network appliance with a mobile node, comprising

a wireless interface that is included with the network appliance and enables the network appliance to perform actions, including:

providing a beacon, wherein the beacon is generated with relatively low power;

if the mobile node receives the beacon, enabling the mobile node to pair with the network appliance, and

enabling an application that is pushed from the mobile node to be received by the network appliance, wherein the received application enables the mobile node to wirelessly communicate at least one management operation over a relatively short distance to the network appliance, and wherein the management operation is provided to the network appliance for execution.

19. The apparatus of Claim 18, wherein the pushed application is at least one of a JAVA application, binary file, and script.

20. The apparatus of Claim 18, wherein enabling the mobile node to wirelessly communicate with the network appliance, further comprises authenticating an operator of the mobile node.

21. The apparatus of Claim 18, wherein the wireless communication is based on a Bluetooth specification.

22. The apparatus of Claim 18, wherein the managing of the operation of the network appliance further comprises providing at least one operation for execution, including configuration, load balancing, IP address assignment, metric collection, metric analysis, updates, maintenance, and security measures.

23. The apparatus of Claim 18, wherein the network appliance provides a profile

24. A computer readable media, tangibly embodying instructions to perform actions, comprising:

enabling a network appliance to provide a beacon, wherein the beacon is generated with relatively low power;

if a mobile node receives the beacon, enabling the mobile node to pair with the network appliance;

if the mobile node is paired with the network appliance, pushing an application from the mobile node to the network appliance; and

enabling the mobile node to wirelessly communicate at least one update to the pushed application over a relatively short distance, wherein the update is provided to the network appliance for execution.

25. A method for providing an update to a network appliance with a mobile node, comprising

means for enabling the network appliance to provide a beacon, wherein the beacon is generated with relatively low power;

if the mobile node receives the beacon, means for enabling the mobile node to pair with the network appliance;

if the mobile node is paired with the network appliance, means for pushing an application from the mobile node to the network appliance; and

means for enabling the mobile node to wirelessly communicate at least one update to the pushed application over a relatively short distance, wherein the update is provided to the network appliance for execution.